

BOMB CALORIMETER FOR TESTING CALORIFIC VALUE OF FUELS

RT 052

Description:

The thermal value of a fuel is one of the most important parameters of fuels. For measuring heat flow in processes that are run in water, a calorimeter can be used. If the reaction is exothermic, it causes the water to become warm and increases its temperature. In contrast, endothermic reactions decrease water temperature. The sum of calories released in a reaction is equal to the multiplication of temperature increase by the total capacity of calorimeter and its contents. This device is used for investigating and studying the behavior of calorimeter bomb and measuring heat value of fuels.

Specifications:

- Bomb encasement
- Water encasement
- Temperature sensor
- Pressure Gauge
- Electric agitator
- Oxygen Capsule and regulator
- Electrical control panel with switches and displays
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Determining gasoline enthalpy
2. Determining the heat released from gasoline

Required For Operation:

- 220 v Single Phase Electricity
- Distilled Water
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

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Dimensions (L*W*H) mm:1240×600×450

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